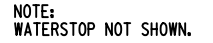
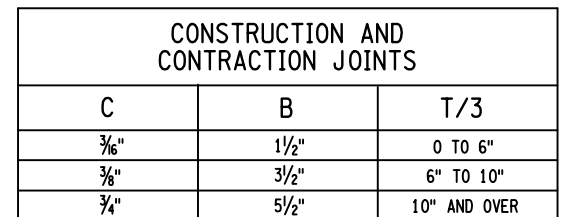




VERTICAL



HORIZONTAL



CONSTRUCTION AND CONTRACTION JOINTS

C	B	T/3
3/16"	1 1/2"	0 TO 6"
3/8"	3 1/2"	6" TO 10"
3/4"	5 1/2"	10" AND OVER

EXPANSION JOINTS

C	B	T/3
$\frac{3}{8}"$	$\frac{3}{2}"$	0 TO 10"
$\frac{3}{4}"$	$5\frac{1}{2}"$	10" AND OVER

KEYWAY DETAILS
NOT TO SCALE



NOTE:
THE HEADER DETAIL SHOWN IS APPLICABLE FOR
SINGLE CELL MODULAR JOINTS.



NOTE:
THE HEADER DETAIL SHOWN IS APPLICABLE FOR
ARMORLESS JOINTS.



NOTE:
THE HEADER DETAIL SHOWN IS ONLY APPLICABLE
FOR MULTI-CELL MODULAR JOINT SYSTEMS.
DIMENSIONS MUST BE ADJUSTED FOR ACTUAL
MODULAR JOINT SYSTEM SUPPLIED.

DESIGNER NOTES:

REFER TO BRIDGE MANUAL, SECTION 15 FOR THE REQUIREMENTS FOR THE USE OF CORROSION PROTECTED REINFORCEMENT IN SUBSTRUCTURES.

BARS TO BE PROVIDED WITH HOOK IF NECESSARY FOR DEVELOPMENT.

MINIMUM DISTANCE FROM THE CENTER OF THE ANCHOR BOLT TO ANY EXPOSED VERTICAL FACE OF THE PEDESTAL SHALL BE 8". THE MINIMUM DISTANCE FROM THE EDGE OF THE MASONRY PLATE TO ANY VERTICAL FACE OF THE PEDESTAL SHALL BE 3" UNLESS ACCOUNTED FOR IN DESIGN.

SHOW WEEPHOLES IF REQUIRED. REFER TO BRIDGE MANUAL, SECTION 11.

FOR DETAILS OF TYPE "A" STONE CURB, SEE BD-MS4.

FOR CHAMFER DETAILS, SEE BD-AB3E.

FOR TYPE "D" WATERSTOP DETAILS, SEE BD-MS3E.


* #5 BARS @ 1'-6" MAX. SPACING REQUIRED FOR SPREAD FOOTINGS.

** DIMENSION TO MATCH THE FASCIA DEPTH ON THE SUPERSTRUCTURE.

NOTES:

COVER FOR STEEL REINFORCEMENT IN FOOTING SHALL BE 3" UNLESS OTHERWISE NOTED, ALL OTHER COVER SHALL BE 2" UNLESS OTHERWISE NOTED.

(NO.) - INDICATES CONCRETE PLACEMENT NUMBER

REVISED	 NEW YORK STATE OF OPPORTUNITY	Department of Transportation Office of Structures	
6/28/10			
		ABUTMENT SECTIONS AND CONCRETE KEYWAY DETAILS (PILE FOUNDATION SHOWN)	
ERRATA			
12/20/16	APPROVED: 12/20/16 ORIGINAL SIGNED BY RICHARD MARCHIONE, P.E. DEPUTY CHIEF ENGINEER (STRUCTURES)	ORIGINAL ISSUED UNDER EB 08-002 CURRENT ISSUED UNDER EB 16-050 EFFECTIVE WITH THE LETTING OF 12/20/16	